[Rajyasevanirata Dr. M. K. Gopala Pillai.]

Oiling of breeding places with Crude Oil, parisgreening and naturalistic methods of larvicidal control are resorted to, to do away with the growth of mosquito larvae. All the residential houses within a zone of nearly one mile from the cooly lines are regularly sprayed with pyrethrum mixture and occasionally with D. D. T. to destroy adult mosquitoes. These items of work aimed at the destruction of mosquito larvae and adult mosquitoes constitute the preventive measures adopted.

Anti-malaria drugs are administered to malaria patients as a curative measure.

(*b*) No fresh cases of Malaria have occurred among the officers or resident coolies at Perunchani since the formation of the existing Malaria Special Office in Makaram 1121.

MR. P. O. THOMAS (*Kunnatnad* cum *Parur*): May I know the number of malaria attacks before the formation of the existing malaria special office at Perunchani?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: There was one solitary instance of an officer having been attacked with malaria.

MR. P. O. THOMAS: May I know the number of coolies who have had an attack of malaria?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: Many coolies were not living in that particular area. They had to be coaxed and taken to that place from elsewhere and so they were almost free from malaria.

MR. P. O. THOMAS: So, am I to take it that there was no attack of malaria among the coolies that worked there?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: At the time of starting the work, there was no malaria attack among the coolies.

Deaths due to epidemics etc.

486. *MR. P. K. KURIAKOSE (*Muvattupuzha* cum *Devicolam*): Will the Government be pleased to state the number of deaths throughout the State caused by the following causes in the year 1120?

1. Malaria
2. Cholera
3. Smallpox
4. Tuberculosis
5. Snake bite
6. Motor accident.

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI:

Name of disease.	*Deaths reported in 1120.*
1. Malaria	1,854
2. Cholera	Nil.
3. Smallpox	632
4. Tuberculosis	3,760
5. Snake bite and wild animals	302
6. Motor accidents	36

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MR. P. K. KURIAKOSE: May I know whether separate statistics exist to know the number of deaths caused by snake bite and wild animals and tuberculosis in the taluks of Muvattupuzha and Devicolam ?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: Sir, the head under which deaths are included indicate the total for the State. No separate statistics are available.

MR. P. K. KURIAKOSE: Is there not taulk-war statistics ?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: That is given in the Statistics Volume.

MR. P. K. KURIAKOSE: May I know whether the tuberculosis disease is a contagious one ?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: It is an infectious disease.

MR. P. K. KURIAKOSE: May I know, from the fact that appalling casualties have been listed by these diseases whether the death rate in the year 1121 is greater than those of the previous years on account of the nature of those diseases ?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: Sir, the population is increasing in the State. Factories in the State are also increasing in different parts of the State. On account of that there is the prevalence of tuberculosis in the factories. In factories and institutions of like nature, diseases such as are indicated in the answer will show a tendency to increase.

MR. P. K. KURIAKOSE: May I know whether any steps have been taken by Government to check the spread of this disease ?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: Yes, a sanatorium has been started at Nagercoil. Free advice is given to patients who come to the hospitals of the State and they are asked to follow a particular treatment for diet and to look after health.

MR. K. M. PAUL (*Muvattupuzha* cum *Devicolam*): In answer to item (4) may I know whether this number includes Travancoreans who died outside the State as well ?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: Generally, death returns are not sent to Travancore from outside the State.

MR. K. A. MATHEW (*Thiruvalla*): May I know how many tuberculosis patients have been treated in the Nagercoil hospital in the year 1120 ?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: A reference to the Administration Report will enlighten the member.

MR. P. O. THOMAS: May I know who gives free advice in the hospitals regarding tuberculosis ?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: All the Medical officers in the hospitals of the State do that.

MR. P. O. THOMAS: May I know whether there is a scheduled time for giving advice in regard to a particular disease ?

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PRESIDENT: Does the Honourable member suggest that every day 2 to 3 hours should be set apart for giving advice?

MR. P. O. THOMAS: My point is that no such thing is being done in the hospitals. The answer given by the Honourable member on the Treasury Bench is incorrect. It is to bring that to the notice of the Government I put that question.

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: As soon as a patient is diagonised to suffer from tuberculosis, the doctor advises him to segregate himself from his relatives in the first place, and then to look to the diet and health of the patient. All that is generally possible is asked to be done.

MR. K. K. CHELLAPPAN PILLAI (*Mavelikara* cum *Kunnathur*): May I know whether the Government have taken steps to conduct a health survey on tuberculosis?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: Government are actively interested in the control of tuberculosis. They have recently ordered the exhibition of cinemas and all the rest of it.

MR. K. K. CHELLAPPAN PILLAI: My question is, whether the Government have taken steps to conduct the promised health survey of tuberculosis?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: Yes, Sir.

MR. K. R. NARAYANAN (*Nominated*): പാമ്പുകടികൊണ്ടുള്ള മരണത്തിന്റെ എണ്ണം ഇപ്പോഴും കൂടുകയാണോ കുറയുകയാണോ ചെയ്തിട്ടുള്ളത്?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: അങ്ങനെ ഒരു കണക്കാരറിവ് സ്റ്റേറുമെൻറ് പറയാൻ നിവൃത്തിയില്ല. വളരെക്കാലമായിട്ട പാമ്പുകടിയെപ്പറ്റിയുള്ള വിവരങ്ങൾ സ്റ്റേറുമെൻറിൽ ചേർക്കാറില്ലായിരുന്നു. കഴിഞ്ഞതാണ്ടുമുതലാണ് ആ അയിറ്റം കൂടി ചേർത്തുതുടങ്ങിയത്.

MR. K. R. NARAYANAN: പാമ്പുകടിക്കുവേണ്ടി അമേരിക്കയിൽ ഒരു മരുന്നു കണ്ടുപിടിച്ചിട്ടുണ്ടെന്നും അതു തിരുവിതാംകൂർ ഗവണ്മെൻറ് വരുത്തുവാൻ നിശ്ചയിച്ചിരിക്കുന്നു എന്നും ബഹുമാനപ്പെട്ട മെമ്പർ കഴിഞ്ഞയാണ്ടിൽ പ്രസ്താവിക്കുകയുണ്ടായി. ആ മരുന്ന് ഇതുവരെ വരുത്തുകയുണ്ടായോ എന്നറിഞ്ഞാൽ കൊള്ളാം.

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: യുദ്ധോപരിതസ്ഥിതിമൂല ഇതുവരെ വരുത്തുവാൻ കഴിഞ്ഞിട്ടില്ല.

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MR. K. K. CHELLAPPAN PILLAI: The Honourable member from the Treasury bench was saying just a while ago that steps are being taken by Government as regards the health survey scheme? May I know the nature of the steps taken for that purpose?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: With regard to the tuberculosis disease, the matter is under the consideration of Government. But certain other surveys are being carried on.

MR. K. K. CHELLAPPAN PILLAI: May I know when will the Government be able to complete the health survey relating to tuberculosis? This was the very question I put last year as well as this year. Further, the Government had promised that they will take the necessary steps in the matter. Therefore, I want that information namely, what action has been taken by the Government in the matter?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: As soon as qualified medical officers are available, this work will be undertaken.

MR. K. A. MATHEW: May I know whether this Government would seek the help of the Government of India expert on tuberculosis in the matter of the health survey referred to?

PRESIDENT: As a matter of fact we have had discussions with the Government of India expert on this matter and he has made very elaborate suggestions thereto. More than that we have obtained the expert advice of Dr. Mac Wheeler who was the Doctor at Madanapalli Sanatorium. The fact that he is an expert is very widely known.

MR. K. A. MATHEW: In regard to cases of snake bite may I know whether the Vishavydyasalas in the State are given grant-in-aid?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: Not to all of them. But that does not come under my jurisdiction.

MR. P. O. THOMAS: May I know whether the Circle Officers in the various taluks are doing any propaganda work with respect to tuberculosis?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: They have been instructed to conduct propaganda with regard to tuberculosis.

MR. P. K. KURIAKOSE: May I know whether circulars have been issued by the department asking the public to guard themselves against this dangerous disease?

RAJYASEVANIRATA DR. M. K. GOPALA PILLAI: We educate all members of the public through cinemas and statistics show that nearly one to two hundred thousand people attend to such lectures almost every year.

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